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TITLE: ULTRASONIC WAVE
SENSOR
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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide an ultrasonic wave sensor that can stabilize attenuated vibration caused after the end of a drive input signal and makes a reverberation time constant so as to stabilize a distance for detecting an obstacle.

SOLUTION: A piezoelectric vibrator is joined with the inside of a bottom face of a cylindrical case with a bottom, an upper face of the piezoelectric vibrator is covered with a foamed elastic body and silicone elastic body is filled in the cylindrical case with bottom including other inner bottom face and side faces in the ultrasonic wave sensor.

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